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Tumor - host immune interactions in Ewing sarcoma : implications for therapy

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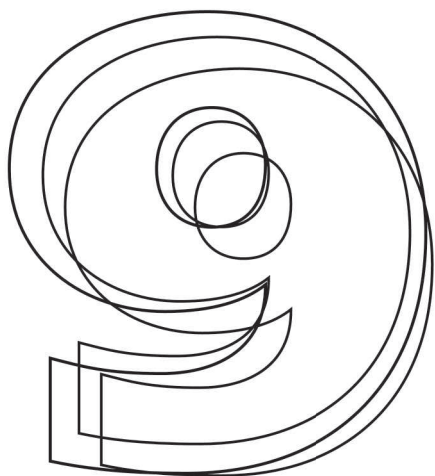


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CURRICULUM VITAE

LIST OF ABBREVIATIONS

CURRICULUM VITAE

Dagmar Berghuis was born on December 17th, 1981 in Warnsveld, the Netherlands. She attended secondary school at the 'Staring College' in Lochem and passed her gymnasium exam (*cum laude*) in 2000. From 2000-2006, she studied Medicine at the University of Leiden. In 2003, she obtained a Scholarship for Excellent Students and started performing a research project at the Departments of Pediatrics (Laboratory of Immunology) and Pathology of the Leiden University Medical Center (LUMC) on T-cell mediated immunotherapy in Ewing sarcoma (Dr. A.C. Lankester). She obtained her medical degree in September 2006 (*cum laude*). In October 2006, she started a PhD project at the Department of Pathology of the LUMC, participating in the EuroBoNeT Consortium, a European Commission granted Network of Excellence for studying the pathology and genetics of bone tumors (Prof. dr. P.C.W. Hogendoorn, Dr. A.C. Lankester). During her research period, she performed a working visit to the Botnar Research Center, University of Oxford, United Kingdom and collaborated with a number of leading international research groups within the EuroBoNeT Consortium. In December 2010 she started working as a resident in pediatrics at the Reinier de Graaf Gasthuis (RdGG) in Delft, the Netherlands (Dr. B. Bakker, Dr. N. van der Lely). In October 2011 she started her clinical training in pediatrics at the RdGG and the LUMC (Prof. dr. H.A. Delemarre-van de Waal, Dr. A.C. Lankester).

LIST OF ABBREVIATIONS

⁵¹ Cr	⁵¹ Chromium
³ H	Tritium
ATCB1	ATP-binding cassette sub-family B member 1
APP	Antigen Processing Pathway
ANOVA	Analysis Of Variance
ATM	Ataxia Telangiectasia, Mutated
ATR	ATM and Rad3-related
β2m	Beta-2 microglobulin
CIITA	Class II Transactivator
cFLIP	cellular FLICE Inhibitory Protein
CMA	Concanamycin A
CTL	Cytotoxic T Lymphocyte
DISC	Death Inducing Signaling Cascade
DNAM	DNAX Accessory Molecule
ELISA	Enzyme Linked Immuno Sorbent Assay
EURO-E.W.I.N.G	European Ewing tumor Working Initiative of National Groups
EWS	Ewing sarcoma
FACS	Fluorescence-Activated Cell Sorting
HDI	Histone Deacetylase Inhibitors
HIF	Hypoxia Inducible Factor
HLA	Human Leukocyte Antigen
IHC	Immunohistochemistry
IFN	Interferon
IL	Interleukin
LMP	Latent Membrane Protein
mAbs	monoclonal Antibodies
MACS	Magnetic-Activated Cell Sorting
MDR	Multi Drug Resistance
MFI	Mean Fluorescence Intensity
MHC	Major Histocompatibility Complex
MIC	MHC class I Chain related molecule
MS-275	N-(2-amino-phenyl)-4-[N-(pyridine-3-ylmethoxycarbonyl)aminomethyl]benzamide
MTS	3-(4,5-dimethyl-thiazol-2-yl)-5-(3-carboxymethoxy-phenyl)-2-(4-sulfophenyl)-2H-tetrazolium
NaB	Sodium Butyrate
NCR	Natural Cytotoxicity Receptor
NK	Natural Killer
NKG2A	Natural Killer Group 2A
NKG2D	Natural Killer Group 2D
PI	Propidium Iodide
PI-9	Protease Inhibitor-9
RT-PCR	Reverse Transcriptase Polymerase Chain Reaction

SAHA	Suberoylanilide Hydroxamic Acid
SDF	Stromal-cell Derived Factor
TAP	Transporter associated with Antigen Processing
TMA	Tissue Microarray
TNF	Tumor Necrosis Factor
TRAIL	TNF-Related Apoptosis-Inducing Ligand
ULBP	UL16 Binding Protein
UPN	Unique Patient Number
WB	Western Blotting
WHO	World Health Organization